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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/642,453	08/15/2003	Stefan Wolf	Harman.5848CON	1599
75	90 01/27/2005		EXAM	INER
Samuels, Gauthier & Stevens LLP Suite 3300			TO, TUAN C	
225 Franklin Street			ART UNIT	PAPER NUMBER
Boston, MA 02110			3663	
			DATE MAILED: 01/27/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)			
	10/642,453	WOLF ET AL.			
<b>√</b> Office Action Summary	Examiner	Art Unit			
	Tuan C To	3663			
The MAILING DATE of this communication app Period for Reply					
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).					
Status					
Responsive to communication(s) filed on <u>15 Au</u> This action is <b>FINAL</b> . 2b)⊠ This     Since this application is in condition for alloward closed in accordance with the practice under <i>E</i> .	action is non-final. ace except for formal matters, pro				
Disposition of Claims					
<ul> <li>4)  Claim(s) 1-20 is/are pending in the application.</li> <li>4a) Of the above claim(s) is/are withdraw</li> <li>5)  Claim(s) is/are allowed.</li> <li>6)  Claim(s) 1-20 is/are rejected.</li> <li>7)  Claim(s) is/are objected to.</li> <li>8)  Claim(s) are subject to restriction and/or</li> </ul>					
Application Papers					
9) ☐ The specification is objected to by the Examiner 10) ☑ The drawing(s) filed on 15 August 2003 is/are:  Applicant may not request that any objection to the of Replacement drawing sheet(s) including the correction  11) ☐ The oath or declaration is objected to by the Examiner	a)⊠ accepted or b)⊡ objected t drawing(s) be held in abeyance. See on is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).			
Priority under 35 U.S.C. § 119					
<ul> <li>12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).</li> <li>a) All b) Some * c) None of:</li> <li>1. Certified copies of the priority documents have been received.</li> <li>2. Certified copies of the priority documents have been received in Application No</li> <li>3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</li> <li>* See the attached detailed Office action for a list of the certified copies not received.</li> </ul>					
Attachment(s)	_				
1) ☑ Notice of References Cited (PTO-892) 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) ☑ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 08/15/2003.	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:				

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#### **DETAILED ACTION**

## **Double Patenting**

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970);and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1-20 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-20 of U.S. Patent No. 6647327. Although the conflicting claims are not identical, they are not patentably distinct from each other because the claimed limitations as recited in the present application are similar as to the claims of the patent. One

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thing different is that in the present application, the "data bus configured as a ring line" has not been recited. It should be noted that the application and the patent would not be patentably distinct from each other because they both teach "an interface unit and a plurality of multimedia units each connected to a data bus".

## Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

Claims 1-17 are rejected under 35 U.S.C. 102(e) as being unpatentable by Obradovich et al. (US 6233506).

Claims 1, 4-6, and 13: Obradovich et al. disclose a vehicle system with multimedia devices such as the system taught by the applicant. As shown in Fig. 1 of the invention, a variety of multimedia units are connected to the data bus (107). There is at least one communication interface for communicating with external unit, including navigation unit (106d) for receiving the current GPS data of the vehicle. Obradovich et al also disclose coordinating/arbitrating at the

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interface unit requests for radio connection to the external unit (Obradovich et al., abstract; column 6, lines 10-62; column 12, lines 5-15).

Claims 2 and 12: At least one communication interface unit is communicated with external unit is illustrated in Fig. 1 of the Obradovich et al.'s invention.

Claims 3, 8, 11, and 15: As shown in Fig. 1, the input interface (104) is used for input the requesting information, and sending the data from that interface unit to the plurality of multimedia units connected to said multimedia system.

Claims 7, 9, 10, 14, and 16: Obradovich et al. disclosed that the multimedia system, wherein at least one interface unit is connected to the data bus (107) as a separate unit (Obradovich et al., Fig. 1).

Claim 17: Obradovich et al. disclose that the navigation communication interface, or other communication interface is provided as a single unit connected to the data bus (107) (Obradovich et al., Fig. 1, data bus 107).

### Conclusions

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan C To whose telephone number is (703) 308-6273. The examiner can normally be reached on from 8:00AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on (703) 305-8233.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/tc

January 19, 2005

THOWAS G. BLACK ANNINES OF THOMAS GROUP 30 OF